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| 10/776,281      | 02/12/2004  | Shaw Jong Wang       | 2003_1496A          | 3522             |

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EXAMINER

LEE, GUIYOUNG

ART UNIT PAPER NUMBER

2875

DATE MAILED: 03/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/776,281

Applicant(s)

WANG, SHAW JONG

Examiner

Guiyoung Lee

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. ____   |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____  | 6) <input type="checkbox"/> Other: ____                                     |

## DETAILED ACTION

### *Priority*

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 and 6-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Macher et al. (US 6,286,983 B1).

Re claim 1: Macher discloses an electroluminescent light band for vehicles having an electroluminescent device (1 in Fig. 1) including exchangeable pattern regions (32, 39 and 40 in Fig. 2) and redirection-displaying regions (the directional arrow portions of 4 in Fig. 2), and at least one front pattern sheet (13 in Fig. 1) placed over the exchangeable pattern (5) and being a thin material with a translucent pattern (col. 4, line 46+).

Re claims 6-7: Macher discloses that the redirection-displaying region includes a plurality of arrow-shaped sub luminescent areas (See the three arrow-shaped sub areas of 4 in Fig. 2) which are used to display turn-right and turn-left indications.

### *Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 4-5 and 8-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Macher et al. (US 6,286,983 B1).

Re claim 4: Macher does not disclose a plurality of sub luminescent areas of the exchangeable region. However, Macher teaches that "it is possible to mount advertising messages or specially designed informative text on the vehicle (col. 6, lines 24-32)". It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Macher's exchange pattern region to include a plurality of luminescent areas in order to display advertising text messages.

Re claims 5 and 8: Macher discloses that the sub luminescent areas can flickeringly light simultaneously (col. 5, lines 62-65).

Re claim 9: Macher does not disclose that the turn-right and turn-left indications light simultaneously when the brake of the car is suddenly stepped on. However, Macher teaches various types of indication lights such as additional brake light and a reversing lights. Further, Macher discloses various types of light emitting arrangement (col. 5, lines 59++). It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Macher's turn-left and turn-right indications to light simultaneously when the brake of the car is suddenly stepped on in order to add an addition function.

6. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Macher as applied to claim 1 above, and further in view of Tipke (US 5,974,711).

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Re claim 2: Macher does not disclose a plurality of miniature suction cup. However, Tipke teaches a plurality of suction cups (14 in Fig. 3) for the purpose of attaching the sign to the window. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Macher's electroluminescent light band to include Tipke's suction cups in order to attach the electrolumnescent light band to the window.

7. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Macher et al. as applied to claim 1 above, and further in view of Murasko (US 6,424,088 B1).

Re claim 3: Macher does not disclose an anti-UV protection layer. However, Murasko teaches an anti-UV protection layer (22 in Fig. 1 and col. 3, lines 14-16) for the purpose of protecting phosphor layer. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Macher's eletroluminescent light band to include anti-UV protection layer as taught by Murasko in order to protect the electroluminescent light band.

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Guiyoung Lee whose telephone number is 571-272-2374. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on 571-272-2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LGY

  
Stephen Husar  
Primary Examiner